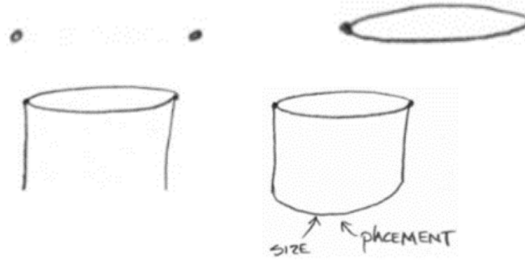# Y4 Art Sketching Knowledge Organiser— Cylinders

Key Knowledge—How to draw cylinders. Step by Step instructions
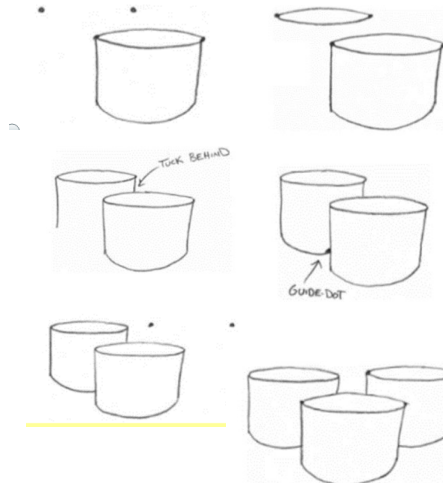
Part One—Drawing a basic cylinder

Step 1 —Draw two guide dots for the top of your cylinder.

Step 2 — Join the dots to draw a foreshortened circle.

Step 3 — Draw the sides of the cylinder with two vertical, parallel lines.

Step 4 — Curve the bottom of the cylinder, making sure to curve the
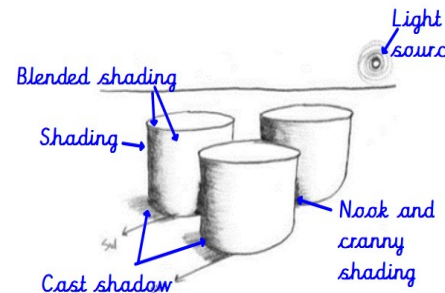bottom a bit more than the curve at the top.

Part Two—Overlapping cylinders

Step 1 - To draw the back of two cylinders, position the foreshortened circle guide dots above and to the left of the top centre of the first cylinder.

Step 2— Complete the foreshortened circle

Step 3 —Draw the sides of the second cylinder. The right side tucks behind the first cylinder, using overlapping, which creates the visual illusion of depth.

Step 4 — Curve the bottom of the second cylinder.

Step 5 — Begin the third cylinder with two forshortened circle guide dots off the top centre right of the first cylinder.

Step 6—Complete the third cylinder using overlapping, size, and placement.

Part Three— Shading

Step 1—Add a light source to allow correct shading to be added to your drawing

Step 2—Add shading to create shadows on the opposite side to the light source.

Step 3 - Add a cast shadow to the ground on the surface next to the object on the opposite side to the light source.

Step 4— Add Nook and Cranny shading to the areas where the objects meet that Are hidden from the direct light source.

Step 5— Add blended shading by shading darker on the edges furthest away from the light source and lighter shading towards the light source

SIZE   PLACEMENT

TUCK BEHIND

GUIDE DOT

Light source

Blended shading

Shading

Cast shadow

Nook and cranny shading

Key Vocabulary

Word	Definition
Parallel lines	2 lines that are always the same distance apart and never touch
Size	The way an object is drawn—larger = closer to the eye, smaller = further away from the eye.
Overlapping	Is drawing an object in-front of another object to create the visual illusion that it is closer to the eye.
Illusion	Is drawing in a way that creates a deceptive appearance or impression.
Nook and cranny shading	Is added to the areas where objects meet which are hidden from a direct light source.

Key Knowledge

A—Attitude—I can do this.

B—Bonus detail—Add your own unique ideas and expression

C—Constant practice—Repeat often.